WHAT IS CLAIMED IS:
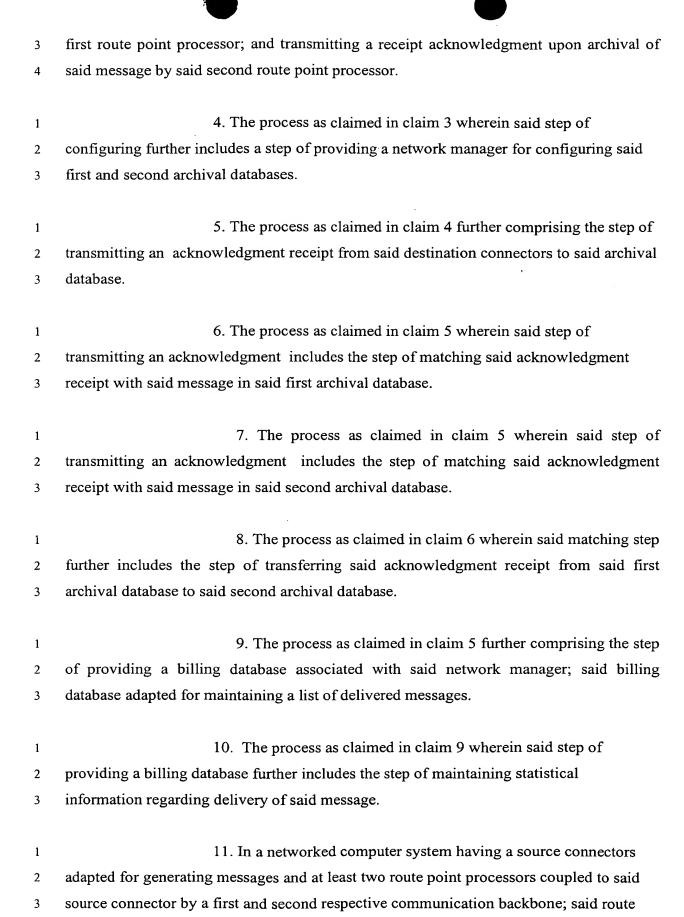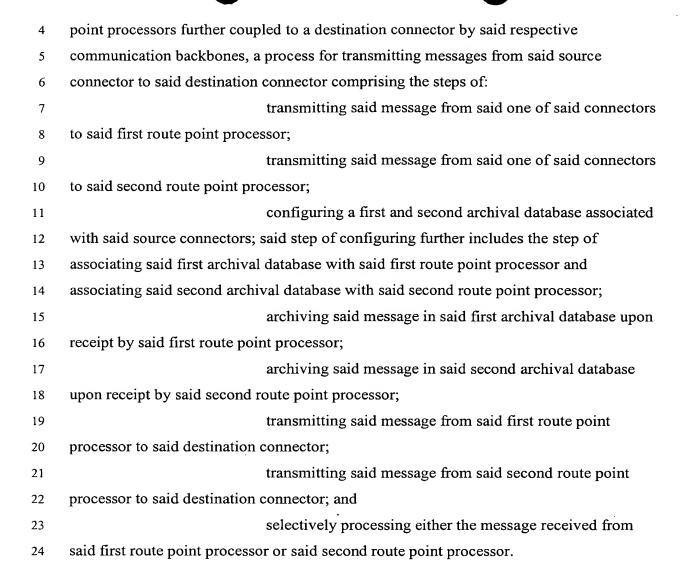
1. In a networked computer system having a plurality of connectors associated with application programs for the electronic interchange of documents and a plurality of route point processors coupled together on a communication network, a process for sending messages from one connector to another in said networked computer system, said process comprising the steps of:

    providing a first and second communication backbone;

    providing a first route point processors coupled to one of said connectors by said first communication network; said one of said connectors having a message to be sent to a destination connector; said destination connector coupled to said first route point processor by said first communication network;

    providing a second route point processor coupled to said one of said connectors by said second communication network; said destination connector coupled to said second route point processor by said second communication network;

    transmitting said message from said one of said connectors to said first route point processor;

    transmitting said message from said one of said connectors to said second route point processor;

    archiving said message;

    transmitting said message from said first route point processor to said destination connector;

    transmitting said message from said second route point processor to said destination connector; and

    selectively processing either the message received from said first route point processor or said second route point processor.

2. The process as claimed in claim 1 wherein said archiving step further includes the step of configuring a first and second archival database associated with said one of said connectors, said step of configuring further includes the step of associating said first archival database with said first route point processor and associating said second archival database with said second route point processor.

3. The process as claimed in claim 2 further comprising the steps of transmitting an acknowledgment receipt upon archival of said message by said

3   first route point processor; and transmitting a receipt acknowledgment upon archival of

4   said message by said second route point processor.

1   4. The process as claimed in claim 3 wherein said step of

2   configuring further includes a step of providing a network manager for configuring said

3   first and second archival databases.

1   5. The process as claimed in claim 4 further comprising the step of

2   transmitting an acknowledgment receipt from said destination connectors to said archival

3   database.

1   6. The process as claimed in claim 5 wherein said step of

2   transmitting an acknowledgment includes the step of matching said acknowledgment

3   receipt with said message in said first archival database.

1   7. The process as claimed in claim 5 wherein said step of

2   transmitting an acknowledgment includes the step of matching said acknowledgment

3   receipt with said message in said second archival database.

1   8. The process as claimed in claim 6 wherein said matching step

2   further includes the step of transferring said acknowledgment receipt from said first

3   archival database to said second archival database.

1   9. The process as claimed in claim 5 further comprising the step

2   of providing a billing database associated with said network manager; said billing

3   database adapted for maintaining a list of delivered messages.

1   10. The process as claimed in claim 9 wherein said step of

2   providing a billing database further includes the step of maintaining statistical

3   information regarding delivery of said message.

1   11. In a networked computer system having a source connectors

2   adapted for generating messages and at least two route point processors coupled to said

3   source connector by a first and second respective communication backbone; said route

4   point processors further coupled to a destination connector by said respective

5   communication backbones, a process for transmitting messages from said source

6   connector to said destination connector comprising the steps of:

7   transmitting said message from said one of said connectors

8   to said first route point processor;

9   transmitting said message from said one of said connectors

10 to said second route point processor;

11   configuring a first and second archival database associated

12 with said source connectors; said step of configuring further includes the step of

13 associating said first archival database with said first route point processor and

14 associating said second archival database with said second route point processor;

15   archiving said message in said first archival database upon

16 receipt by said first route point processor;

17   archiving said message in said second archival database

18 upon receipt by said second route point processor;

19   transmitting said message from said first route point

20 processor to said destination connector;

21   transmitting said message from said second route point

22 processor to said destination connector; and

23   selectively processing either the message received from

24 said first route point processor or said second route point processor.

1   12. The process as claimed in claim 11 further comprising the steps

2   of transmitting an acknowledgment receipt to said source connector upon archival of said

3   message by said first route point processor; and transmitting a receipt acknowledgment to

4   said source connector upon archival of said message by said second route point

5   processor.

1   13. The process as claimed in claim 11 wherein said step of

2   configuring further includes a step of providing a network manager for configuring said

3   first and second archival databases.

1   14. The process as claimed in claim 13 further comprising the step
2   of transmitting an acknowledgment receipt from said destination connectors to said
3   archival database.

15. The process as claimed in claim 14 wherein said archiving step includes the step of matching said acknowledgment receipt with said message in said first   archival   database.

16. The process as claimed in claim 15 further comprising the step of providing a billing database associated with said network manager; said billing database adapted for maintaining a list of delivered messages.

17. The process as claimed in claim 16 wherein said step of providing a billing database further includes the step of maintaining statistical information regarding delivery of said message.

18. In a networked computer system having a source connectors adapted for generating messages and at least two route point processors coupled to said source connector by a first and second respective communication backbone; said route point processors further coupled to a destination connector by said respective communication backbones, said source connector adapted to sending each message to said first and said second route point processor to minimize transmission latency, each of said route point processors adapted to sending each of said messages to said destination connector, each of said route point processors adapted to archiving each of said messages in an archival database, said archival database comprising:

means for connecting said archival database to said route point processor;

storage means, associated with said archival database, for storing said messages;
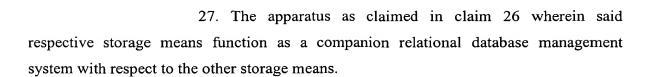
means for receiving an acknowledgment receipt from said destination connector indicating that one of said messages has arrived; and

means for matching said acknowledgment receipt with the corresponding said one of said messages.

19. The apparatus as claimed in claim 18 further including

means for determining if said one of said messages has not been received at said route point processor.

20. The apparatus as claimed in claim 19 further comprising means for recovering a selected one of said messages from said storage means.

21. The apparatus as claimed in claim 18 wherein said connecting means comprises a web server coupled to said route point processor by the Internet.

22. The apparatus as claimed in claim 21 wherein said storage means comprises a relational database management system.

23. The apparatus as claimed in claim 21 further comprising at least one additional web server coupled to said route point processor by the Internet, said at least one additional web server having associated storage means for storing messages generated by said source connector whereby the capacity of said relational database may be logically expanded.

24. The apparatus as claimed in claim 23 further comprising means for selectively configuring said web server and said at least one additional web server; said configuring means adapted to associate said web server and said at least one additional web server with said source connector.

25. The apparatus as claimed in claim 24 wherein said means for configuring further includes a network manager coupled to said network, said network manager comprising a database for accumulating statistical information regarding delivery of said messages.

26. The apparatus as claimed in claim 18 wherein said connecting means comprises a first web server coupled to said first route point processor by the Internet and a second web server coupled to said second route point processor by the Internet; each of said web servers associated with its respective storage means.

27. The apparatus as claimed in claim 26 wherein said respective storage means function as a companion relational database management system with respect to the other storage means.

1   28. The apparatus as claimed in claim 27 further comprising at

2   least two additional web servers coupled to said route point processor by the Internet, said

3   at least two additional web servers having associated storage means for storing messages

4   generated by said source connector whereby the capacity of said relational database may

5   be logically expanded.